

LIST OF ABBREVIATIONS, ACRONYMS AND GLOSSARY

AC – Advisory Circular	EBGCR – East Branch Grand Calumet River
ACM – Asbestos-Containing Materials	EDMS – Emissions and Dispersions Modeling System
ADZ – Airport Development Zone	EIS – Environmental Impact Statement
ALP – Airport Layout Plan	EJ&E – Elgin, Joliet & Eastern Railway
ANG –Army National Guard	EMAS – Engineered Material Arresting System
AOC – Area of Concern	EPA – Environmental Protection Agency
APTA – American Public Transit Association	ESA – Environmental Site Assessment
APU – Auxiliary Power Unit	FAA – Federal Aviation Administration
ARC – Airport Reference Code	FAEED – FAA Aircraft Engine Emission Database
ARFF – Air Rescue and Fire Fighting	FAR – Federal Aviation Regulation
ASDA – Accelerate Stop Distance Available	FBO – Fixed Base Operator
AST – Above-Ground Storage Tank	FEMA – Federal Emergency Management Agency
ASTM – American Society for Testing and Materials	FHWA – Federal Highway Administration
AT – Air Taxi	FONSI – Finding of No Significant Impact
ATC – Airport Traffic Control	FPPA – Farmland Protection Policy Act
ATCT – Airport Traffic Control Tower	FRA – Federal Railway Administration
BBJ – Boeing Business Jet	FTA – Federal Transit Administration
BEA – Bureau of Economic Analysis	FUDS – Formerly Used Defense Site
BMP – Best Management Practice	FY – Fiscal Year
BOD – Biochemical Oxygen Demand	GA – General Aviation
CAA – Clean Air Act (1970)	GLR – Great Lakes Region
CAAA – Clean Air Act and Amendments (1990)	GPS – Global Positioning System
CAMU – Corrective Action Management Unit	GSE – Ground Support Equipment
CEQ – Council on Environmental Quality	GYG – Gary/Chicago International Airport
CFR – Code of Federal Regulations	HC – Hydrocarbons
CMSA – Consolidated Metropolitan Statistical Area	HIRL – High Intensity Runway Lighting
CO – Carbon Monoxide	HP – Horsepower
CP – Control Point	HUD – Department of Housing and Urban Development
CWE – Clean World Engineering, Ltd.	Hz – Hertz
CZM – Coastal Zone Management Act (1972)	IBI – Index of Biotic Integrity
dB – Decibel	IDEM – Indiana Department of Environmental Management
dBA – Decibels in A-weighted sound levels	IDNR – Indiana Department of Natural Resources
DOT – Department of Transportation	IFR – Instrument Flight Rule
DNL – Day-Night Average Sound Level	
E&S – Erosion and Sedimentation Control Plan	
EA – Environmental Assessment	

IHB – Indiana Harbor Belt Railroad
ILS – Instrument Landing System
INARNG – Indiana Army National Guard
INDOT – Indiana Department of Transportation
INM – Integrated Noise Model
ISDH – Indiana State Department of Health
JUS – USA Jet Airlines
LBP – Lead-Based Paint
LDA – Landing Distance Available
Ldn – Day-Night Average Sound Level
LMCP – Lake Michigan Coastal Program
LOA – Letter of Agreement
LOS – Level of Service
LTO – Landing-takeoff Cycle
MALSR – Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights
MBI – Macroinvertebrate Biotic Index
MI – Military
MIRL – Medium Intensity Runway Lights
MOU – Memorandum of Understanding
MPH – Miles Per Hour
NAAQS – National Ambient Air Quality Standards
NAC – Noise Abatement Criteria
NAR – National Airspace Redesign
NDB – Non-Directional Beacon
NEPA – National Environmental Policy Act
NFIP – National Flood Insurance Program
NHRA – National Historic Preservation Act of 1966
NIPSCO – Northern Indiana Public Service Company
NIRPC – Northern Indiana Regional Planning Commission West
NO₂ – Nitrogen Dioxide
NOAA – National Oceanic and Atmospheric Administration
NOI – Notice of Intent
NO_x – Nitrogen Oxides
NPDES – National Pollution Discharge Elimination System
NRCS – Natural Resource Conservation Service

NRDA – Natural Resources Damage Assessment
NRI – Nationwide Rivers Inventory
NWI – National Wetland Inventory
O₃ – Ozone
OHWM – Ordinary High Water Mark
OkB – Oakville-Tawax Complex
PAH – Polynuclear Aromatic Hydrocarbons
PAPI – Precision Approach Path Indicator
Pb – Lead
PCB – Polychlorinated Biphenyls
PFC – Passenger Facility Charges
PM₁₀ – Particulates with a Diameter of Less than or Equal to a Nominal 10 Micrometers
PMSA – Primary Metropolitan Statistical Area
PNA – Polynuclear Aromatic Hydrocarbons
PRP – Potentially Responsible Parties
RAP – Remedial Action Plan
RCRA – Resource Conservation and Recovery Act (1976)
REC – Recognized Environmental Condition
REIL – Runway End Indicator Lights
RISC – Risk Integrated System of Closure
RJ – Regional Jet
ROFA – Runway Object Free Areas
RPZ – Runway Protection Zone
RSA – Runway Safety Area
SEL – Sound Exposure Level
SHPO – State Historic Preservation Office
SIAP – Standard Instrument Approach Procedures
SIP – State Implementation Plan
SO₂ – Sulfur Dioxide
SPCC – Spill Prevention, Control and Countermeasure
SPL – Sound Pressure Level
SSA – South Suburban Airport (proposed)
STARS – Standard Arrival Routes
SVOC – Semi Volatile Organic Compounds
SWPPP – Stormwater Pollution Prevention Plan
TAF – Terminal Area Forecasts
TAMS – TAMS Consultants, Inc.

TERPS – Terminal Instrument Procedures

TIM – Time-in-mode

TNM – Traffic Noise Model

TODA – Takeoff Distance Available

TORA – Takeoff Run Available

Ur – Urban Land

USDOT – U.S. Department of Transportation

USFWS – U.S. Fish and Wildlife Service

USGS – U.S. Geological Survey

UST – Underground Storage Tank

VOR/DME – VHF Omni-Range with Distance
Measuring Equipment

VFR – Visual Flight Rules

VOC – Volatile Organic Compound

WQC – Water Quality Certification

Air Carrier Airport - an airport designated by design and/or use for air carrier operations.

Airport Layout Plan - a graphic presentation to scale of existing and ultimate airport facilities, their location on the airport and the pertinent clearance and dimensional information required.

Airspace - space in the air above the surface of the earth or a particular portion of such space

Capacity - the number of aircraft operations possible at a particular airport.

Cumulative Impact - the impact on the environment that results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions.

Day-Night Average Sound Levels (DNL) – the 24-hour average sound level, in decibels, for the period from midnight to midnight, obtained after the addition of ten decibels to sound levels for the periods between 10 p.m. and 7 a.m.

Delay - the difference between constrained and unconstrained operating time.

Demand - the number of operations or enplanements forecast to occur at an airport at a specified time in the future.

Diversity - The relative abundance and number of different species in a given environment.

DOT Section 4(f) Lands - Section 4(f) of the DOT Act provides that the U.S. Secretary of Transportation shall not approve any program or project, which requires the use of any publicly owned land from a public park, recreation area, or wildlife and waterfowl refuge or national, state or local significance or land of an historic site of natural, state or local significance. Recodified at 49 USC, Subtitle I, Section 303.

Enplanement - a passenger departing an airport, either originating at that airport, or transferring from another aircraft.

Environmental Assessment - a public document that provides sufficient evidence and analysis for determining whether an environmental impact statement or finding of no significant impact should be prepared.

Environmental Impact Statement - a Federal document that provides full and fair discussion of significant environmental impacts and informs decision makers and the public of the reasonable alternatives which would avoid or minimize adverse impacts or enhance the quality of the human environment.

Forecasts - projected aircraft operations and enplaned passengers utilizing an airport over a specified period of time.

Future Development - These areas are parcels of land set aside for ancillary development (i.e., hotels, office space, light industry, etc.) expected to occur during later stages of airport development, as demand dictates.

High Density Rule - an FAA regulation that restricts the number of Instrument Flight Rule (IFR) operations at O'Hare, LaGuardia, Kennedy and Washington National Airports. For O'Hare International Airport, these restrictions are limited to 155 operations per hour between the hours of 6:45 a.m. and 9:15 p.m.

Load Factors - a measure of the utilization of airline capacity.

Noise Contour - a continuous line on a map of the airport vicinity connecting all points of the same noise exposure level.

Operations - the total number of landings (arrivals) and takeoffs (departures) at an airport over a specified period of time.

Palustrine - All nontidal wetlands dominated by trees, shrubs, persistent emergents, emergent mosses, or lichens, also including wetlands lacking such vegetation, but with all the following characteristics: area is less than 8 hectares (20 acres), active waveformed or bedrock shorelines lacking, and water depth in the deepest part of the basin is less than 2 meters (6 feet) at low water.

Scoping - an early and open process for determining the scope of issues to be addressed and for identifying the significant issues related to a proposed action.